ABSTRACT

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The Depok Warehouse Development Project, located at Jl. Raya Jakarta-Bogor, KM. 35, Jatijajar, Depok City, West Java, 16415, is a large construction project built on an area of 38,000 m2, with a building area of 24,000 m2. Warehouse Depok is one of the most striking buildings in the region. The building has 5 floors used as a large warehouse area and another 3 floors as mezzanine for offices. This large project was initiated by PT Depok Logistik Properti as the project owner, and made PT Trimatra Jasa Prakasa in charge of construction management, PT Gistama Intisemesta as the structural planning consultant and PT Total Persada Indonesia as the main contractor. The type of contract used is lump sum with a contract value of Rp 500,000,000,000. The planned time in the Depok Warehouse Construction Project is 670 days, which emphasizes the commitment to complete this project quickly and efficiently. During the practical work activities, observations were made in the field in the form of upper structural work including beam work, floor slabs, ramps, and including columns which became a special theme to be visualized. The stages carried out in the column implementation method are: preparation, column marking, reinforcement fabrication, column reinforcement installation, concrete decking installation, column reinforcement checklist, formwork installation, verticality test, column casting, formwork removal and maintenance (curing).

Keyword: Column, Method.